

S/N 10/081,818



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Jerome M. Eldridge et al.	Examiner:	Tu-Tu V. Ho
Serial No.:	10/081,818	Group Art Unit:	2818
Filed:	February 20, 2002	Docket:	1303.045US1
Title:	ATOMIC LAYER DEPOSITION OF METAL OXIDE AND/OR LOW ASYMMETRICAL TUNNEL BARRIER INTERPOLY INSULATORS		

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**INFORMATION DISCLOSURE STATEMENT**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No :10/081,818

Filing Date: February 20, 2002

Title: ATOMIC LAYER DEPOSITION OF METAL OXIDE AND/OR LOW ASYMMETRICAL TUNNEL BARRIER INTERPOLY INSULATORS

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Dkt: 1303.045US1

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

JEROME M. ELDRIDGE ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
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Date

3 March '06

By

Timothy B Clise

Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 3 day of March, 2006.

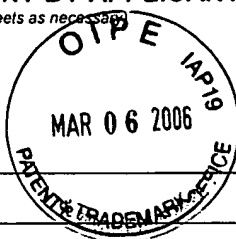
Lisa Rosorske  
Name

Lisa Rosorske  
Signature

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Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/081,818
Filing Date	February 20, 2002
First Named Inventor	Eldridge, Jerome
Group Art Unit	2818
Examiner Name	Ho, Tu-Tu

Sheet 1 of 1

Attorney Docket No: 1303.045US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20020109138A1	08/15/2002	Forbes, L.	02/09/2001
	US-20020176293A1	11/28/2002	Forbes, L. , et al.	07/09/2002
	US-20050169054A1	08/04/2005	Forbes, L.	02/22/2005
	US-20060001049A1	01/05/2006	Forbes, L.	08/12/2005
	US-20060002192A1	01/05/2006	Forbes, L. , et al.	08/26/2005
	US-5,429,966	07/04/1995	Wu, Shye-Lin , et al.	07/22/1993
	US-5,973,355	10/26/1999	Shirai, H. , et al.	05/05/1997
	US-6,108,240	08/22/2000	Lavi, Y. , et al.	02/04/1999
	US-6,440,801	08/27/2002	Furukawa, Toshiharu , et al.	06/28/2000
	US-6,461,905	10/08/2002	Wang, Z. , et al.	02/22/2002
	US-6,476,434	11/05/2002	Noble, Wendell P., et al.	05/16/2000
	US-6,504,207	01/07/2003	Chen, Bomy A., et al.	06/30/2000
	US-6,521,943	02/18/2003	Mine, T. , et al.	03/07/2000
	US-6,566,682	05/20/2003	Forbes, Leonard	02/09/2001
	US-6,753,568	06/22/2004	Nakazato, K. , et al.	07/28/1999
	US-6,881,994	04/19/2005	Lee, T. H., et al.	08/13/2001
	US-6,894,944	05/17/2005	Ishibashi, K. , et al.	06/25/2003
	US-6,903,367	06/07/2005	Forbes, L.	08/08/2003
	US-6,950,340	09/27/2005	Bhattacharyya, A.	04/10/2004
	US-6,952,032	10/04/2005	Forbes, L. , et al.	08/31/2004
	US-6,958,937	10/25/2005	Forbes, L. , et al.	10/05/2005
	US-6,963,103	11/08/2005	Forbes, L.	08/30/2001

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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**EXAMINER**

**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached



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ASYMMETRICAL TUNNEL BARRIER INTERPOLY INSULATORS

COMMUNICATION CONCERNING RELATED APPLICATIONS

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date/Issue Date</u>	<u>Attorney Docket</u>	<u>Title</u>
11/202460	August 12, 2005	1303.027US3	SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
11/212190	August 26, 2005	1303.024US3	INTEGRATED CIRCUIT MEMORY DEVICE AND METHOD

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

JEROME M. ELDRIDGE ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
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3 March '06

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USA Posorske  
Name

Sina Posorske  
Signature